AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A valve having a valve body, a first fluid inlet port for receiving fluid at a relatively higher pressure and a second fluid inlet ports for receiving fluid at ~~respective different~~ a relatively lower pressures, an outlet port for delivering said fluid supplied from said first and second fluid inlet ports, a first valve member mounted for limited movement within said body for controlling the supply of fluid from said first and second inlet ports to said outlet port, and biasing means for biasing said valve member to move to one limit of its movement and to move to increase the fluid flow area downstream of said first inlet port, said first valve member being operable to move initially in response to ~~the difference~~ an increase in pressure at both said first and second inlet ports and an increase in the difference in pressure between said first and second inlet ports to thereby effect a decrease in the fluid flow rate through said first inlet port and an increase in the fluid flow rate through said second inlet port and thereafter to continue to move in said manner until the pressures in both said first and second inlet ports do not change or the extent of said limited movement is reached, or to move in response to a decrease in pressure at both said first and second inlet ports and a decrease in the difference in pressure between said first and second inlet ports to thereby effect an

increase in fluid flow rate through said first inlet port and a decrease in fluid flow rate through said second inlet port against said biasing means until the extent of said limited movement is reached of until the pressures in both said inlet ports do not change and for the respective contributions of fluid in response to said variations in pressure from the two said inlet ports be delivered to said outlet port.

2. (currently amended) ~~A valve according to Claim 1~~, A valve having a valve body, first and second inlet ports for receiving fluid at respective different pressures, an outlet port for delivering said fluid, a valve member mounted for limited movement within said body, and biasing means for biasing said valve member to move to one limit of its movement, said valve member being operable to move in response to the difference in pressure at said first and second ports and in response to said biasing means for causing the valve member to vary the respective contributions of fluid delivered to the outlet port from the inlet ports, wherein the valve body contains a further movable valve member which is operable for receiving fluid from isolating control means and, in response thereto, for moving to close off one of said inlet ports and for urging the first mentioned valve member to close off the other inlet port.

3. (previously presented) A valve according to Claim 2, wherein said valve member and said further movable valve member are movable relative to one another and to said valve body in directions aligned with the same axis extending through the valve body.

4. (previously presented) A valve according to Claim 2, wherein the said valve member is journalled for movement on a spindle fixed to the said further movable valve member and extending in the direction of said axis.

5. (original) A valve according to Claim 4, wherein said biasing means is a compression spring.

6. (previously presented) A valve according to Claim 5, wherein said compression spring is engaged between said valve member and a spring engaging member fixed with respect to the said further movable valve member.

7. (previously presented) A valve according to Claim 2, wherein the valve body comprises portions defining first, second and third valve seating surfaces, said valve member comprising oppositely directed surfaces for engaging respective ones of said first and second seating surfaces for closing respective ones of said inlet ports, and said further valve member comprising a surface for engaging said third seating surface for causing both inlet ports to become closed.

8. (original) A valve according to Claim 7, wherein one or both of the first and second valve seating surfaces is shaped for forming high clearance contact with the respective valve member surface.

9. (previously presented) A valve according to Claim 7, wherein one or both of the first and second valve seating surfaces comprises apertures, for causing a desired variation in fluid flow through the gap between the valve seating surface and the valve member surface.

10. (cancelled)

11. (currently amended) A valve having a valve body and a valve member comprising respective seating surfaces for moving one with respect to another to control the flow of fluid through the valve, one or both of said surfaces comprising ~~apertures, for example~~ slots, for causing a desired variation in fluid flow as the seating surfaces move as aforesaid.

12. (new) A valve according to Claim 1, wherein the valve body contains a second movable valve member which is operable for receiving fluid from isolating control means and, in response thereto, for moving to close off one of said inlet ports and for urging the first valve member to close off the other inlet port.

13. (new) A valve according to Claim 1, wherein the first valve member comprises bearing surfaces that run on a spindle that extends into said first valve member and the spindle carries a plurality of equi-spaced bearing surfaces extending in the lengthways direction thereof that engage the bearing surfaces of the first valve member, the equi-spaced bearing surfaces being separated by equi-spaced relieved portions.

14 (new) A valve according to Claim 1, wherein the first and second inlet port flow areas and the internal flow areas are such that, in use, a substantially constant pressure will be provided at the outlet port thereby producing a substantially constant fluid mass flow through the outlet port.

15. (new) An apparatus for delivering fluid in an aircraft, the apparatus comprising a gas turbine engine having a first higher pressure compressor stage and a second lower pressure compressor stage and a valve having a valve body, two inlet ports for receiving fluid from the first and second compressor stages, an outlet port for delivering said fluid, a valve member mounted for limited movement within said body, and biasing means for biasing said valve member to move to one limit of its movement, said valve member being operable to move in response an increase of pressure at both the first and second inlet ports and to an increase in the difference in pressure at said first and second inlet ports and in response to said biasing means for causing the valve member to vary the respective contributions of fluid delivered to the outlet port from the first and second inlet ports.

16. (new) A valve according to Claim 1, wherein the valve member has first and second engaging portions to engage respective first and second seating surfaces to prevent communication from said first and second inlet ports, the respective seating surfaces defining the periphery of respective fluid flow paths from the inlets.

17. (new) A valve according to Claim 16, wherein the first seating surfaces define a smaller periphery than that defined by said second seating surfaces.

18. (new) A valve having a valve body, a first fluid inlet port for receiving fluid at a relatively higher pressure and a second fluid inlet ports for receiving fluid at a relatively lower pressures, an outlet port for delivering said fluid supplied from said first and second fluid inlet ports, a first valve member mounted for limited movement within said body for controlling the supply of fluid from said first and second inlet ports to said outlet port, and biasing means for biasing said valve member to move to one limit of its movement and to move to increase the fluid flow area downstream of said first inlet port, said first valve member being operable to move initially in response to an increase in pressure at both said first and second inlet ports and an increase in the difference in pressure between said first and second inlet ports to thereby effect a decrease in the fluid flow rate through said first inlet port and an increase in the fluid flow rate through said second inlet port and thereafter to continue to move in said manner until the pressures in both said first and second inlet ports do not change or the extent of said limited movement is reached

19 (new) A modulating valve, comprising a moveable valve modulating element mounted for limited movement between two end positions, two spindle bearings to radially constrain the movement of said valve modulating element, a biasing means and a valve

body where said valve body consists of three chambers, the first chamber being provided with a first inlet port arranged to accept air from a high pressure source, the third chamber being provided with a second inlet port arranged to accept air from a lower pressure source and the second chamber being located between said first and third chambers is provided with two bores coaxial with said spindle bearings, the first bore facilitating the passage of air from said first chamber to said second chamber, and the second bore facilitating the passage of air from said third chamber to said second chamber, and an outlet port for delivering said input air, wherein, firstly, the diameter of said second bore is larger than the diameter of said first bore, secondly, the biasing means urges said valve modulating element to a position corresponding to the maximum desired flow area between said first chamber and said second chamber and said valve is provided with a flow profile to progressively reduce the flow area available for the throughput of air from said first chamber to said second chamber as said valve modulating element moves against the biasing means to a bevelled seat which arrests the movement of said valve modulating element and arrests the throughput of air from said first chamber to said second chamber, thirdly, said biasing means urges said valve modulating element to a position corresponding to minimum air flow area between said third chamber and said second chamber and said valve being provided with a flow profile to progressively increase the flow area available for the throughput of air from said third chamber and said second chamber as the valve modulating element moves against said biasing means and, fourthly, at all intermediate positions between said two end positions, said valve

modulating element permits air flow from both first and second inlet ports to said outlet port.